

SEAPORT INFRASTRUCTURE

students gr. 101851 Surmina A.V., Khomich L.S.
Supervisor - Cand. Tech. Sci., docent Kholupov V.S.

Under the Merchant Shipping Code (REPUBLIC OF BELARUS November 15, 1999 № 321-W) seaport is a complex of structures located in the specially designated territory and water area. It is designed to maintain ships and passengers, to carry out operations with goods and it offers other services normally provided by the port.

Each ship begins and ends its trip in the seaport - certain coastal area, where a part of coastal land (port area) and the adjoining water space (harbors) are functionally merged and are specially equipped for variable vessels maintenance and cargo operations. Nowadays, port is a complex and highly mechanized transport hub, which includes:

- Natural and sometimes artificial harbor;
- Berths for ships;
- Mechanisms for cargo operations:
 - gantry cranes
 - portal cranes
 - loaders
 - hoppers
 - grab the ship-unloaders
- Device to supply the fleet with fuel, water and food;
- Warehouses;
- Elevators;
- Refrigerators and other special construction.

Also the administrative building is located on the port territory. Staff in this place provide technical, navigational, legal and commercial service navigation.

And of course, every huge modern port should have suitable railway tracks, roads and pipelines to the wharf and warehouses linking marine and continental transport. It allows port to perform one of its primary tasks: to transmit loads from the sea on the other modes of transport and back.